Assembly and Machine Language Homework 2

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Your task is to write an assembly program to print the word **KNTU** using the " * " character! You should read an integer from the standard input as the number of columns (which is also equal to the number of rows) occupied by each letter.

Valid inputs are odd and bigger than "3"; print an error message for invalid inputs.

- Separate the letters by two spaces.

Furthermore, your assembly program must comply with the following set of rules:

- You can only use the commands you have learned so far in the class.
- You have to use the **read_int** and **print_int** function from the textbook for **I/O**.
- Your assembly code must not be similar to other students' code. Similar codes will receive a **negative score**.
- You will receive **60%** of this homework's score by writing a code that only prints the letter "K".

Please only upload the "**.asm**" file on the **courses.kntu.ac.ir** website.

Example:

Input number: 3   Input number: 5

Output: Output:

```
                                    *     *   *      *  *****   *     *
  * *    * *   ***    * *            *   *   **   *      *      *    *
  **     ***     *     * *           * *      *  * *     *      *   *
  * *    * *     *    ***            *  *     *   **     *      *    *
                                     *     *   *      *      *    *****
```